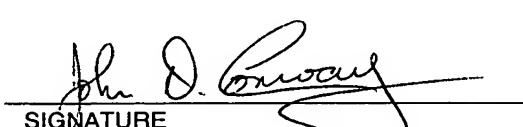


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER BBC-166
INTERNATIONAL APPLICATION NO. PCT/IB03/004502	INTERNATIONAL FILING DATE August 15, 2003	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 1075292
PRIORITY DATE August 16, 2002		
TITLE OF INVENTION Formulation of Human Antibodies for Treating TNF-α Associated Disorders		
APPLICANT(S) FOR DO/EO/US Hans-Juergen Krause et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p>		
<p>Items 11 to 20 below concern document(s) or information</p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Combined Declaration for a Patent Application and Power of Attorney (unsigned), Transmittal of Sequence Listing, Computer Readable Form and Amendment pertaining thereto for Invention Containing Nucleotide and/or Amino Acid Sequence Under 37 CFR §§1.821-1.825, Paper Copy of Sequence Listing, Response to the Written Opinion Under Rule 66 PCT, Return Receipt Postcard</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER																				
10/525292		PCT/IB03/004502																				
BBC-166																						
21. The following fees are submitted:																						
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%;"><input checked="" type="checkbox"/> a) Basic national fee</td> <td style="width: 33%; text-align: right;">\$300.00</td> <td style="width: 1%;"></td> </tr> <tr> <td><input checked="" type="checkbox"/> b) Examination fee</td> <td style="text-align: right;">\$200.00</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> c) Search fee</td> <td style="text-align: right;">\$500.00</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="text-align: right;">\$1000.00</td> </tr> </table>			<input checked="" type="checkbox"/> a) Basic national fee	\$300.00		<input checked="" type="checkbox"/> b) Examination fee	\$200.00		<input checked="" type="checkbox"/> c) Search fee	\$500.00		TOTAL OF ABOVE CALCULATIONS =		\$1000.00								
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<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</td> <td style="width: 1%;"></td> </tr> </table>			<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																			
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<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">Total Sheets</th> <th style="width: 25%;">Extra Sheets</th> <th style="width: 25%;">Number of each additional 50 or fraction thereof (round up to a whole)</th> <th style="width: 25%;">RATE</th> </tr> <tr> <td style="text-align: center;">36 - 100 =</td> <td style="text-align: center;">-64 /50 =</td> <td style="text-align: center;">-1</td> <td style="text-align: center;">x</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center;">\$ 0.00</td> <td></td> </tr> </table>			Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE	36 - 100 =	-64 /50 =	-1	x			\$ 0.00									
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36 - 100 =	-64 /50 =	-1	x																			
		\$ 0.00																				
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).																						
<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">NUMBER EXTRA</th> <th style="width: 25%;">RATE</th> </tr> <tr> <td>Total claims</td> <td style="text-align: center;">23 - 20 =</td> <td style="text-align: center;">3</td> <td style="text-align: center;">x \$50.00</td> </tr> <tr> <td>Independent claims</td> <td style="text-align: center;">3 - 3 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">x \$200.00</td> </tr> <tr> <td colspan="2">Multiple Dependent Claims (if applicable) <input type="checkbox"/></td> <td style="text-align: center;">+ \$360.00</td> <td style="text-align: center;">\$</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="text-align: center;">\$ 1,150.00</td> </tr> </table>			CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	23 - 20 =	3	x \$50.00	Independent claims	3 - 3 =	0	x \$200.00	Multiple Dependent Claims (if applicable) <input type="checkbox"/>		+ \$360.00	\$			TOTAL OF ABOVE CALCULATIONS =	\$ 1,150.00
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<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td> <td style="width: 1%;"></td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center;">\$ 0.00</td> </tr> </table>			<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					\$ 0.00														
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TOTAL NATIONAL FEE = \$ 1,150.00																						
<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per</td> <td style="width: 1%;"></td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center;">+ \$</td> </tr> </table>			Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per					+ \$														
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<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Amount to be refunded:</td> <td style="width: 1%;"></td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center;">\$</td> </tr> </table>			Amount to be refunded:					\$														
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		\$																				
<p>a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account <u>01-0025</u> in the amount of <u>\$1,150.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account <u>01-0025</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																						
<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p>																						
<p>SEND ALL CORRESPONDENCE TO:</p> <p>John D. Conway Abbott Bioresearch Center 100 Research Drive Worcester, MA 01605-4314</p>																						
<p> _____ SIGNATURE</p>																						
<p>_____ John D. Conway NAME</p>																						
<p>_____ 39,150 REGISTRATION NUMBER</p>																						

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Hans-Juergen Krause et al.	ART UNIT:	(not yet assigned)
PCT Application No.	PCT/IB2003/004502	EXAMINER:	(not yet assigned)
PCT Filing Date:	15 August 2003		
U.S. Serial No.:	(not yet assigned)		
Filed:	(concurrently herewith)		
Priority Date:	16 August 2002		
Entitled:	FORMULATION OF HUMAN ANTIBODIES FOR TREATING TNF- α ASSOCIATED DISORDERS		

Attorney Docket No.: BBC-166

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT APPLICATION TRANSMITTAL – SUBMISSION UNDER 35 U.S.C. 371

1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Submission Under 35 U.S.C. 371 form PTO/1390 (in duplicate), including authorization to charge Deposit Account the amount of \$ 1,150.00 to cover the application filing fees.
2. Copy of application specification of 36 pages (including Abstract of the Disclosure).
3. Preliminary Amendment
4. Combined Declaration for a Patent Application and Power of Attorney (unsigned).
5. Transmittal of Sequence Listing, Computer Readable Form and Amendment pertaining thereto for Invention Containing Nucleotide and/or Amino Acid Sequence Under 37 CFR §§1.821-1.825
6. Paper copy of Sequence Listing (8 Pages)
7. Diskette containing a computer readable form (CRF) copy of the sequence Listing
8. Response to Written Opinion Under Rule 66 PCT
9. Return receipt post card.

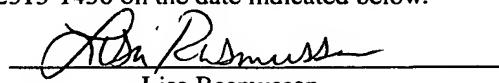
Respectfully submitted,


John D. Conway
Registration No. 39,150
Attorney for Applicant
ABBOTT BIORESEARCH CENTER
100 Research Drive
Worcester, Massachusetts 01605-4314
telephone: (508) 688-8046
telefax: (508) 688-8110

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

The undersigned hereby certifies that this correspondence listed above is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR §1.10, postage prepaid, Express Mailing Label No. ED072003559US, in an envelope addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

February 16, 2005
Date


Lisa Rasmussen